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states:(71) Applicant: **NIPPON CHEMIPHAR CO LTD**(72) Inventor: **SAKURAGAWA NOBUO
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**(54) NOVEL BLOOD
COAGULATION FACTOR
DERIVATIVE, ITS
PREPARATION AND BLOOD
COAGULATION
PROMOTING AGENT
CONTAINING THE SAME**

(57) Abstract:

NEW MATERIAL: A blood coagulation factor derivative (composed of a polyalkylene glycol having a molecular weight of 200W20,000, containing optionally an alkyl or alkanoyl group as a substituent group and bonded through a coupling agent to the amino acid side chain of a blood coagulation factor).

EXAMPLE Monomethyl ether polyethylene glycol-4,6-dichloro-1,3,5-triazine-modified factor IX (PEG5000-IX-4.2mM).

USE: Blood coagulation promoting agent.

PREPARATION: The objective blood coagulation factor derivative can be prepared by bonding a polyalkylene glycol (e.g. polyethylene glycol) having a molecular weight of

200W20,000 and optionally containing an alkyl group or alkanoyl group as a substituent group through a coupling agent (e.g. cyanuric halide) to the amino acid side-chain of a blood coagulation factor.

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